

## BRIDGE INSPECTION REPORT

Ver Date: 1/23/2014

Agency: Washington State

 WO CC WE PD  
 BAM ☐ ☐ ☐ ☐

Status: Released

Printed On: 9/16/2014

Program Mgr: Harvey L. Coffman

<b>Bridge No.</b>	2/5A	<b>Carrying</b>	HOME ACRES RD	<b>Intersecting</b>	EBEY ISLAND VIADUCT
<b>Bridge Name</b>	HOME ACRES RD	<b>Route On</b>	00002	<b>Mile Post</b>	0.77
<b>Structure ID</b>	0008378Z	<b>Route Under</b>		<b>Mile Post</b>	

Inspector's Signature GFC Cert # B1163 Co-Inspector's Signature PDE

									Inspections Performed:				
7		Structural Adqcy (657)	7		Operating Level (660)	0		No Utilities (675)	IT	NT	HRS	Date	Rep Type
7		Deck Geometry (658)	A		Open/Closed (293)	0		Bridge Rails (684)	Y	48	1.0	3/7/2012	Routine
7		Underclearance (659)	8		Waterway Adqcy (662)	N		Transition (685)					Fract Crit
8		Alignment Adqcy (661)	8		Chan/Protection (677)	N		Guardrails (686)					UW
7		Deck Overall (663)	8		Scour (680)	N		Terminals (687)					Special
7		Superstructure (671)	N		Soundings Flag (693)	2.00		Asphalt Depth (W01)					Interim
7		Substructure (676)			Revise Rating (688)			Des Curb Ht (W02)					UWI
9		Culvert (678)	P		Photos Flag (691)			Bridge Rail Ht (W08)					Equipment
					Measure Clrnc (694)	5		Speed Limit (W03)					Damage
													Safety
													Short Span
													In Depth

## BMS Elements

Element	Element Description	Total	Units	State 1	State 2	State 3	State 4
13	Bridge Deck Surface	3,510	SF	3,510	0	0	0
38	Concrete Slab	3,510	SF	3,510	0	0	0
227	Concrete Submerged Pile/Column	20	EA	20	0	0	0
234	Concrete Pier Cap/Crossbeam	136	LF	136	0	0	0
330	Metal Bridge Railing	234	LF	0	0	0	234
331	Concrete Bridge Railing	234	LF	234	0	0	0
361	Scour	4	EA	4	0	0	0
370	Seismic - Longitudinal Restrainer	3	EA	3	0	0	0
406	Compression Seal / Steel Header	30	LF	30	0	0	0
800	Asphaltic Concrete (AC) Overlay	3,510	SF	3,510	0	0	0

## Notes

0	The bridge is oriented south to north off the north side of Bridge 2/5N. See the Ebey Slough Layout in the Files tab. Continue to validate the status of this bridge each inspection as a 48 month inspection candidate.
13	The deck surface is covered with an ACP overlay, see element note 800.
38	The slab edges have diagonal leaching cracks.
330	The type 'R' metal bridge rail and most of the anchors have been removed.
331	The concrete rails have small shallow edge spalls scattered throughout.

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<b>Bridge Name</b>	HOME ACRES RD			<b>Route On</b>	00002 <b>Mile Post</b> 0.77
<b>Structure ID</b>	0008378Z			<b>Route Under</b>	<b>Mile Post</b>

## Notes (Continued)

361	The bridge is over a tidally influenced marsh with slow flow east to west. Span 1 has a 4 ft. deep silt deposit in a sink hole along the west edge of the bridge envelope at the midspan. The silt is 100% saturated and in 'quick' condition.
370	Three seismic restrainers located at Pier 1 are inventoried with this bridge even though it is the supporting structure.
406	The joints are full of soil. The steel plates have surface rust.
800	The overlay has longitudinal cracks and some short transverse cracks scattered throughout.
1680	Pile foundations and slow velocities.
2691	Deck and/or Elevation photo(s) 10+ years old and need to be updated. For Elevation photos evaluate whether a new photo will better represent the structure.
2693	Soundinge taken 3/7/2012.

## Repairs

Repair No	Pr	R	Repair Descriptions	Noted	Maint	Verified
			(No repairs for this structure)			

## Inspections Performed and Resources Required

Report Type	Date	IT	Frq	Hrs	Insp	CertNo	Coinsp	Note
<b>Routine</b>	3/7/2012		48	1.0	DCC	G0913	JPD	
Resources		Used		Hours		Min	Pref	Max Notes
Access Issues								Access under the bridge is best from the northeast corner. Hip waders/rubber boots are recommended.
<b>Informational</b>	1/23/2014				GFC	B1163	PDE	INFORMATION GROUP: 2014 Batch updates -- See SQL script on Itsupport "G:\BWApplicationMgmt\SQL Scripts\2014 Scripts\2014_Batch_Updates.sql" for documentation of changes that where implemented.